

DERWENT-ACC-NO: 2002-542216

DERWENT-WEEK: 200304

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TITLE: Crystallization of low molecular weight polycarbonate, useful for producing a polycarbonate resin where a noncrystalline low molecular weight aromatic polycarbonate is contacted with nitrile and crystallized

PATENT-ASSIGNEE: TEIJIN LTD[TEIJ]

PRIORITY-DATA: 2000JP-0346428 (November 14, 2000)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
JP 2002146007 A		May 22, 2002	
012	C08G 064/20		N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP2002146007A	N/A	
2000JP-0346428	November 14, 2000	

INT-CL (IPC): C08G064/20, C08J003/00 , C08L069:00 , G02B001/04

ABSTRACTED-PUB-NO: JP2002146007A

BASIC-ABSTRACT:

NOVELTY - A process for crystallization of a low molecular weight polycarbonate in which a noncrystalline low molecular weight aromatic polycarbonate having a principal repeating unit of (1), and having an intrinsic viscosity of 0.05 -

0.38 is contacted with nitrile and crystallized.

DETAILED DESCRIPTION - A process for crystallization of a low molecular weight polycarbonate in which a noncrystalline low molecular weight aromatic polycarbonate having a principal repeating unit of (1), and having an intrinsic viscosity of 0.05 - 0.38 is contacted with nitrile and crystallized.

R1, R2, R3 and R4 = hydrogen atom, halogen atom, 1-10C alkyl, 7-20C aralkyl, or 6-20C aryl;

W = 2-10C alkylidene, 1-15C alkylene, 7-20C aryl substituted alkylene, 3-15C cycloalkylidene, 3-15C cycloalkylene, oxygen atom, sulfur atom, sulfoxide or sulfone group.

USE - The crystallization process is useful for producing a polycarbonate resin of good hue, high molecular weight and little gel component.

ADVANTAGE - The low molecular weight aromatic polycarbonate can be crystallized without generating fine powder.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: CRYSTAL LOW MOLECULAR WEIGHT POLYCARBONATE  
USEFUL PRODUCE

POLYCARBONATE RESIN LOW MOLECULAR WEIGHT  
AROMATIC POLYCARBONATE  
CONTACT NITRILE CRYSTAL

DERWENT-CLASS: A23 P81

CPI-CODES: A05-E06A; A11-B02;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; G1161\*R G1150 G1149 G1092 D01 D11 D10 D19 D18 D32  
D76 F32  
F30 ; R00470 G1161 G1150 G1149 G1092 D01 D11 D10 D19  
D18 D32 D50

D76 D93 F32 F30 ; G1296\*R D01 D63 F44 ; R06918 G1296  
D01 D19 D18  
D32 D50 D63 D76 D93 F44 ; P0862 P0839 F41 F44 D01 D63 ;  
H0282 ;  
L9999 L2528 L2506 ; L9999 L2186\*R ; L9999 L2197 L2186 ;  
L9999 L2517  
L2506 ; S9999 S1387 ; S9999 S1456\*R ; L9999 L2595\*R  
L2506 ; H0237\*R  
; K9723  
Polymer Index [1.2]  
018 ; ND03 ; ND09 ; B9999 B4795 B4773 B4740 ; B9999  
B5607 B5572  
; B9999 B5618 B5572 ; B9999 B5094 B4977 B4740 ; B9999  
B3678 B3554  
; N9999 N5845

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-154028

Non-CPI Secondary Accession Numbers: N2002-429555